

Standardize Prostate MRI with Confidence for Improved Treatment and Diagnostics

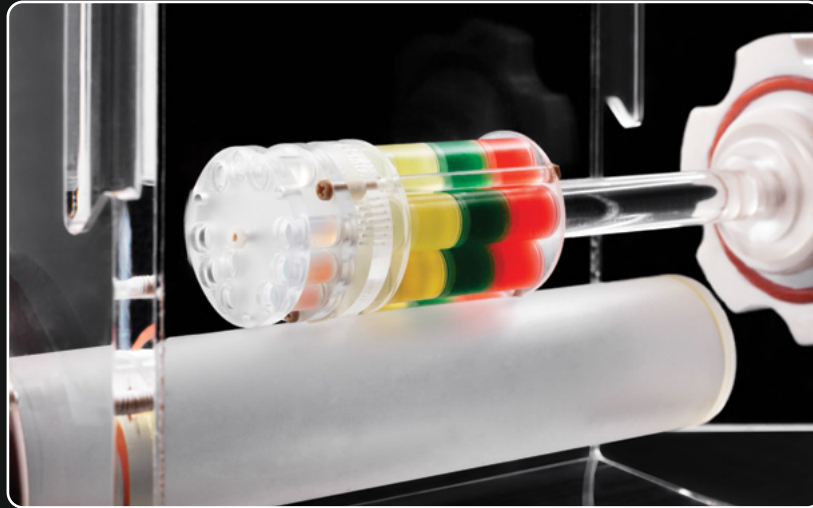
Premium Prostate Phantom



Map beyond **The Known** with
the CMRI Premium Prostate Phantom

The next evolution of prostate MRI

Be in the know with best-of-the-best human tissue mimics so you know, with near absolute certainty, how to monitor and treat prostate cancer.



Know the specs

Human Tissue Mimics

- > Contains seven cylinders filled with aqueous PVP solutions at varying concentrations from 0% up to 50% w/w qMRI experts can take accurate and precise ADC measurements.
- > NIST traceable T1 solutions, measured at 3T, occupy seven cylinders and encompasses the T1 range of 1989 ms – 125.9 ms.
- > NIST traceable T2 solution occupies seven cylinders and encompasses the T2 range of 278.1 ms – 32.0 ms

Evaluated MRI Characteristics

- > B1 and B0 non-uniformity
- > Geometric linearity
- > Gradient amplitude
- > System center frequency drift (short time duration)
- > Resolution (high-contrast detectability and SNR (low-contrast detectability))
- > Accuracy and precision of T1 and T2 measurements
- > Accuracy and precision of the Apparent Diffusion Coefficient (ADC)



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